

IN THE SPECIFICATION

Amend the paragraph [0055] as numbered beginning on page 17, line 8 as follows:

[0055] Reference is now made to Fig. 3, which is an enlarged schematic diagram illustrating electrical aspects of the stent 20 (Fig. 1), which is constructed and operative in accordance with a disclosed embodiment of the invention. The stent 20 comprises the coil 48 and a capacitor 52, which is electrically connected to the coil 48. As seen in Fig. 3 the capacitor is formed as a core constituted as a split ring and the coil 48 is wound on the capacitor, the overall shape of the stent 20 is a ring. The coil 48 is ~~can be~~ made of a resistive metal such as nitinol having elasticity and a shape memory. The coil 48 typically has approximately 15 loops. Because of its geometry the coil 48 behaves as an inductor. It should be noted that in choosing the reactance of the coil 48, a tradeoff is required between the desirability of a high quality factor (Q) to assure efficient power transfer, and the resistive heat desired to be developed in the stent circuit. This tradeoff will be readily apparent to those skilled in the art from a consideration of the basic physics governing the operation of such circuits.